



Proposed Program Improvements for Public Comment Water Residential Assistance Program (WRAP) Income Based Plan

*July 28, 2022 – Version 1
Comments should be sent to WRAP@glwater.org*

Background: In June 2022, the Great Lakes Water Authority (GLWA) Board of Directors approved improvements to the Water Residential Assistance Program (WRAP). One of the new features allows for a sliding scale of assistance approach that encompasses the residential bill by community and household income to determine the level of bill payment assistance. The purpose of this memo is to outline how the new feature will work across GLWA's 110+ eligible communities. It should be noted that this improvement is being rolled out at the same time as the Detroit Water & Sewerage Department (DWSD) is rolling out the new Lifeline Plan for City of Detroit residents with flat monthly payments of \$18, \$43, and \$56 depending on household income. The Lifeline Plan is partially funded by the WRAP at a level of 1% of DWSD revenues (0.5% from GLWA revenues and 0.5% from DWSD revenues). To differentiate from the DWSD Lifeline Plan, the new GLWA program for the service area outside the City of Detroit has been named the WRAP Income Based Plan (WRAP IBP), the WRAP IBP is funded by 0.5% of GLWA revenues.

WRAP IBP Bill Credit Recommendation: The GLWA Affordability & Assistance Team engaged Raftelis to understand the level of residential bills across the communities that are served by GLWA. A summary of that information is attached. Of the 111 communities where data was obtained, the monthly bills for 4,500 gallons of water varied greatly, ranging from \$31 to \$138 per month. Based on that data, the average for GLWA's service area is \$75/month with DWSD at \$83 in that analysis. After reviewing this information, we are recommending an approach that offers bill credits based on the annual household water bill as a percentage of household income, with the WRAP IBP target assistance being at 3% to align with the available funding. *The WRAP IBP assistance amount is unique to each household's needs based on their annual income and annual water bill.* Given the wide range of needs, it is also recommended that any household that meets categorical eligibility is also eligible for a monthly bill credit no less than \$25 per month.

Implementation Approach: Upon enrollment, the WRAP IBP eligible household will provide past bill information, as well as their household income. Their annual water bill amount and household income will be used to calculate what percentage their current water bill is of their household income. Once this percentage is determined, the amount of WRAP funding assistance needed to reduce their water bill to meet the 3% goal will be calculated and their bill credit amounts will be determined. The household will then be responsible for paying the remainder of the bill each month. Attached are some illustrations of how this program would be implemented.

This approach allows for quick determination of bill payment assistance by case worker / enrollment staff. It cannot be emphasized enough that the ease of enrollment is critical to the success of the program.

Other Considerations & Next Steps:

1. A Member Partner WRAP Advisory Panel, as well as a WRAP Stakeholder Panel, will provide ongoing input and feedback regarding the WRAP IBP.
2. Both the DWSD Lifeline Plan and WRAP IBP are major changes in providing water assistance payments to residents in our service area. Arrearage assistance, conservation efforts, and home plumbing repairs will continue to be key benefits of both programs funded by a combination of WRAP and other federal and state sources to the extent those sources remain available.
3. WRAP funding is not a solution to long-term systemic payment assistance needs. Reliance on WRAP for long-term assistance is not a sustainable option. The GLWA Affordability & Assistance Team will continue the dialog with regional, state, and other partners for long-term funding for affordability and assistance programs.
4. Member Partner communities bill based on a wide range of schedules such as monthly, bi-monthly, and quarterly. Efficiency of a monthly payments, along with client education related to budgeting for monthly payments, will need to be evaluated as implementation begins.
5. Development of “rapid assistance” parameters to maintain service and address short-term and/or emergency changes in household income.

Implementation Date: Final check-ins with community action agency partners on business process and a soft rollout launch will occur over the next 30 to 60 days. A regional community outreach will begin in September. Recalculation of existing client benefit payments will also begin during this time.

ATTACHMENTS

ATTACHMENT A - Calculation of the Water Residential Assistance Program Income Based Plan (WRAP IBP) Benefit

ATTACHMENT B - Example Enrollment Form for WRAP IBP Assistance Determination

ATTACHMENT C - Summary of Residential Bills Communities Based on 4,500 Gallons per Month

**Calculation of the Water Residential Assistance Program
Income Based Plan (WRAP IBP) Benefit**

Benefit Calculation	Example A	Example B	Example C
Household Income (A):	\$35,000	\$20,000	\$10,000
Annual Actual Water Bill (B):	\$1,410	\$1,000	\$1,400
	\$117	\$83	\$117
Average Actual Monthly Bill (B/12):			
Annual Actual Water Bill as a percentage of Household Income (B/A):	4%	5%	14%
Target Annual Water Bill (3% of household income) (A x 3% = C):	\$1,050	\$600	\$300
Total Annual Bill Payment Commitment from WRAP Income Based Plan (B-C = D):	\$360	\$400	\$1,100
Monthly Bill Payment Credit Paid by GLWA WRAP IBP Partner to Community (D/12):	\$30	\$33	\$92
Estimated household monthly responsibility (difference between annual actual bill less WRAP IBP), approximately ((A * 3%) /12)	\$88	\$50	\$25

Example Enrollment Form for WRAP IBP Assistance Determination

Water Residential Assistance Program - Income Based Plan Assistance Determination Form

Client Name: John Smith

Household Income: \$ 20,000

Categorically Eligible? Yes

Enter up to 12 months of billing info

1	\$	75
2	\$	75
3	\$	80
4	\$	80
5	\$	85
6	\$	90
7	\$	90
8	\$	95
9	\$	90
10	\$	80
11	\$	80
12	\$	80

Annual Water Bill: \$ 1,000

Average Monthly Bill: \$ 83

Current Water Bill as a percentage of Household Income 5%

Target Annual Water Bill (3% of Household Income) \$ 600

Total Annual WRAP IBP Funding Assistance:	\$ 400
WRAP IBP Monthly Bill Credits (no less than \$25 per month):	\$ 33
Estimated Monthly Client Payment Budget:	\$ 50

Data Entry Field
Calculated Field

Summary of Residential Bills Communities Based on 4,500 Gallons per Month

Community ID	Water Rates				Sewer Rates				Total Charges	
	Water Fixed Charge	Water Volume Charge	Water Monthly Bill	Water Annual Bill	Sewer Fixed Charge	Sewer Volume Charge	Sewer Monthly Bill	Sewer Annual Bill	Total Monthly	Total Annual
1	\$ 20.93	\$ 37.62	\$ 58.55	\$ 702.54	\$ 20.93	\$ 58.14	\$ 79.07	\$ 948.78	\$ 137.61	\$ 1,651.32
2	\$ 18.51	\$ 34.25	\$ 52.76	\$ 633.07	\$ 20.91	\$ 57.85	\$ 78.76	\$ 945.13	\$ 131.52	\$ 1,578.20
3	\$ 20.63	\$ 42.84	\$ 63.47	\$ 761.58	\$ 45.80	\$ 20.85	\$ 66.65	\$ 799.80	\$ 130.12	\$ 1,561.38
4	\$ 28.69	\$ 31.50	\$ 60.19	\$ 722.28	\$ 28.69	\$ 31.50	\$ 60.19	\$ 722.28	\$ 120.38	\$ 1,444.56
5	\$ 20.00	\$ 22.47	\$ 42.47	\$ 509.64	\$ 40.00	\$ 26.15	\$ 66.15	\$ 793.78	\$ 108.62	\$ 1,303.42
6	\$ 10.00	\$ 43.92	\$ 53.92	\$ 647.04	\$ 10.00	\$ 42.00	\$ 52.00	\$ 624.00	\$ 105.92	\$ 1,271.04
7	\$ 23.27	\$ 26.04	\$ 49.31	\$ 591.72	\$ 31.26	\$ 24.00	\$ 55.26	\$ 663.06	\$ 104.57	\$ 1,254.78
8	\$ 17.14	\$ 24.69	\$ 41.82	\$ 501.87	\$ 23.83	\$ 37.48	\$ 61.31	\$ 735.73	\$ 103.13	\$ 1,237.60
9	\$ 26.70	\$ 18.45	\$ 45.15	\$ 541.76	\$ 32.98	\$ 24.51	\$ 57.49	\$ 689.83	\$ 102.63	\$ 1,231.60
10	\$ 9.95	\$ 29.04	\$ 38.99	\$ 467.87	\$ 12.42	\$ 49.78	\$ 62.20	\$ 746.38	\$ 101.19	\$ 1,214.26
11	\$ -	\$ 29.10	\$ 29.10	\$ 349.20	\$ -	\$ 71.40	\$ 71.40	\$ 856.80	\$ 100.50	\$ 1,206.00
12	\$ 11.78	\$ 34.86	\$ 46.64	\$ 559.68	\$ 12.87	\$ 40.26	\$ 53.13	\$ 637.56	\$ 99.77	\$ 1,197.24
13	\$ 33.61	\$ -	\$ 33.61	\$ 403.32	\$ 61.31	\$ -	\$ 61.31	\$ 735.72	\$ 94.92	\$ 1,139.04
14	\$ 17.88	\$ -	\$ 17.88	\$ 214.60	\$ 76.58	\$ -	\$ 76.58	\$ 918.96	\$ 94.46	\$ 1,133.56
15	\$ 1.21	\$ 36.09	\$ 37.29	\$ 447.53	\$ 1.21	\$ 54.31	\$ 55.52	\$ 666.20	\$ 92.81	\$ 1,113.74
16	\$ -	\$ 36.89	\$ 36.89	\$ 442.73	\$ -	\$ 55.61	\$ 55.61	\$ 667.32	\$ 92.50	\$ 1,110.05
17	\$ 12.59	\$ 20.34	\$ 32.93	\$ 395.16	\$ 30.53	\$ 28.68	\$ 59.21	\$ 710.52	\$ 92.14	\$ 1,105.68
18	\$ 4.59	\$ 52.42	\$ 57.01	\$ 684.12	\$ 15.88	\$ 19.03	\$ 34.91	\$ 418.89	\$ 91.92	\$ 1,103.01
19	\$ 6.92	\$ 29.35	\$ 36.27	\$ 435.28	\$ 12.91	\$ 41.74	\$ 54.65	\$ 655.82	\$ 90.92	\$ 1,091.10
20	\$ 2.00	\$ 35.73	\$ 37.73	\$ 452.72	\$ 2.00	\$ 50.67	\$ 52.67	\$ 632.08	\$ 90.40	\$ 1,084.80
21	\$ 1.59	\$ 27.06	\$ 28.65	\$ 343.80	\$ 32.53	\$ 29.16	\$ 61.69	\$ 740.28	\$ 90.34	\$ 1,084.08
22	\$ 11.58	\$ 35.01	\$ 46.59	\$ 559.07	\$ 8.16	\$ 34.78	\$ 42.94	\$ 515.33	\$ 89.53	\$ 1,074.40
23	\$ 30.67	\$ 22.80	\$ 53.47	\$ 641.64	\$ 35.98	\$ -	\$ 35.98	\$ 431.76	\$ 89.45	\$ 1,073.40
24	\$ 31.02	\$ 5.89	\$ 36.91	\$ 442.89	\$ 45.15	\$ 7.34	\$ 52.49	\$ 629.85	\$ 89.40	\$ 1,072.74
25	\$ 14.42	\$ 19.12	\$ 33.54	\$ 402.42	\$ 35.92	\$ 19.12	\$ 55.04	\$ 660.42	\$ 88.57	\$ 1,062.85
26	\$ 14.50	\$ 23.40	\$ 37.90	\$ 454.80	\$ 14.50	\$ 35.82	\$ 50.32	\$ 603.84	\$ 88.22	\$ 1,058.64
27	\$ 3.96	\$ 26.70	\$ 30.66	\$ 367.94	\$ 28.02	\$ 26.70	\$ 54.72	\$ 656.62	\$ 85.38	\$ 1,024.56
28	\$ 2.59	\$ 46.45	\$ 49.04	\$ 588.47	\$ 2.59	\$ 33.71	\$ 36.29	\$ 435.51	\$ 85.33	\$ 1,023.98
29	\$ 2.83	\$ 39.75	\$ 42.58	\$ 511.00	\$ 2.83	\$ 39.75	\$ 42.58	\$ 511.00	\$ 85.17	\$ 1,022.00
30	\$ 7.32	\$ 26.25	\$ 33.57	\$ 402.78	\$ 34.34	\$ 17.12	\$ 51.46	\$ 617.52	\$ 85.03	\$ 1,020.30
31	\$ 19.80	\$ 19.29	\$ 39.09	\$ 469.08	\$ 22.84	\$ 23.04	\$ 45.88	\$ 550.56	\$ 84.97	\$ 1,019.64
32	\$ 13.23	\$ 31.50	\$ 44.73	\$ 536.72	\$ 19.11	\$ 20.88	\$ 39.99	\$ 479.88	\$ 84.72	\$ 1,016.60
33	\$ 32.20	\$ 8.89	\$ 41.09	\$ 493.12	\$ -	\$ 42.64	\$ 42.64	\$ 511.67	\$ 83.73	\$ 1,004.79
34	\$ 16.32	\$ 21.12	\$ 37.44	\$ 449.28	\$ 17.80	\$ 28.26	\$ 46.06	\$ 552.72	\$ 83.50	\$ 1,002.00
35	\$ 1.67	\$ 23.79	\$ 25.45	\$ 305.46	\$ 19.50	\$ 38.46	\$ 57.96	\$ 695.58	\$ 83.42	\$ 1,001.03
36	\$ 7.86	\$ 15.96	\$ 23.82	\$ 285.84	\$ 25.32	\$ 34.24	\$ 59.56	\$ 714.67	\$ 83.38	\$ 1,000.51
37	\$ 15.00	\$ 13.28	\$ 28.28	\$ 339.35	\$ 15.00	\$ 39.33	\$ 54.33	\$ 651.99	\$ 82.61	\$ 991.34
38	\$ 17.97	\$ 29.31	\$ 47.28	\$ 567.34	\$ 12.45	\$ 22.85	\$ 35.30	\$ 423.55	\$ 82.57	\$ 990.89
39	\$ 2.25	\$ 36.48	\$ 38.73	\$ 464.76	\$ -	\$ 43.80	\$ 43.80	\$ 525.60	\$ 82.53	\$ 990.36
40	\$ 4.90	\$ 17.59	\$ 22.50	\$ 269.94	\$ 10.07	\$ 49.63	\$ 59.70	\$ 716.35	\$ 82.19	\$ 986.30
41	\$ 7.00	\$ 23.52	\$ 30.52	\$ 366.24	\$ 7.00	\$ 44.22	\$ 51.22	\$ 614.64	\$ 81.74	\$ 980.88
42	\$ -	\$ 33.00	\$ 33.00	\$ 396.00	\$ -	\$ 47.34	\$ 47.34	\$ 568.08	\$ 80.34	\$ 964.08
43	\$ 15.00	\$ 31.89	\$ 46.89	\$ 562.68	\$ 9.15	\$ 23.96	\$ 33.11	\$ 397.37	\$ 80.00	\$ 960.05
44	\$ 28.88	\$ -	\$ 28.88	\$ 346.60	\$ 28.95	\$ 21.48	\$ 50.43	\$ 605.20	\$ 79.32	\$ 951.80
45	\$ 2.67	\$ 24.46	\$ 27.13	\$ 325.54	\$ 11.67	\$ 39.27	\$ 50.94	\$ 611.27	\$ 78.07	\$ 936.81
46	\$ 2.67	\$ 24.46	\$ 27.13	\$ 325.54	\$ 11.67	\$ 39.27	\$ 50.94	\$ 611.27	\$ 78.07	\$ 936.81
47	\$ 11.73	\$ 19.17	\$ 30.90	\$ 370.74	\$ 11.73	\$ 34.59	\$ 46.32	\$ 555.78	\$ 77.21	\$ 926.52
48	\$ 1.00	\$ 20.10	\$ 21.10	\$ 253.20	\$ 1.00	\$ 54.90	\$ 55.90	\$ 670.80	\$ 77.00	\$ 924.00
49	\$ -	\$ 36.24	\$ 36.24	\$ 434.88	\$ -	\$ 40.32	\$ 40.32	\$ 483.84	\$ 76.56	\$ 918.72
50	\$ 3.11	\$ 36.04	\$ 39.15	\$ 469.81	\$ 14.47	\$ 21.81	\$ 36.28	\$ 435.40	\$ 75.43	\$ 905.21
51	\$ 9.67	\$ 27.36	\$ 37.03	\$ 444.32	\$ -	\$ 38.40	\$ 38.40	\$ 460.80	\$ 75.43	\$ 905.12
52	\$ 1.39	\$ 34.86	\$ 36.25	\$ 435.00	\$ 1.39	\$ 37.20	\$ 38.59	\$ 463.08	\$ 74.84	\$ 898.08
53	\$ -	\$ 33.92	\$ 33.92	\$ 407.02	\$ -	\$ 40.51	\$ 40.51	\$ 486.14	\$ 74.43	\$ 893.16
54	\$ 0.92	\$ 40.48	\$ 41.40	\$ 496.81	\$ -	\$ 32.76	\$ 32.76	\$ 393.18	\$ 74.17	\$ 889.99

Summary of Residential Bills Communities Based on 4,500 Gallons per Month

Community ID	Water Rates				Sewer Rates				Total Charges	
	Water Fixed Charge	Water Volume Charge	Water Monthly Bill	Water Annual Bill	Sewer Fixed Charge	Sewer Volume Charge	Sewer Monthly Bill	Sewer Annual Bill	Total Monthly	Total Annual
55	\$ -	\$ 28.64	\$ 28.64	\$ 343.63	\$ -	\$ 44.34	\$ 44.34	\$ 532.13	\$ 72.98	\$ 875.76
56	\$ 7.89	\$ 19.98	\$ 27.87	\$ 334.44	\$ 5.79	\$ 38.94	\$ 44.73	\$ 536.76	\$ 72.60	\$ 871.20
57	\$ 27.08	\$ 3.68	\$ 30.75	\$ 369.02	\$ 32.74	\$ 8.78	\$ 41.52	\$ 498.26	\$ 72.27	\$ 867.28
58	\$ 10.00	\$ 34.32	\$ 44.32	\$ 531.84	\$ 8.80	\$ 18.84	\$ 27.64	\$ 331.62	\$ 71.96	\$ 863.46
59	\$ 17.38	\$ 21.42	\$ 38.80	\$ 465.63	\$ 17.38	\$ 15.60	\$ 32.98	\$ 395.79	\$ 71.79	\$ 861.42
60	\$ 27.38	\$ 10.05	\$ 37.43	\$ 449.19	\$ 33.81	\$ -	\$ 33.81	\$ 405.75	\$ 71.25	\$ 854.94
61	\$ 18.00	\$ 23.76	\$ 41.76	\$ 501.12	\$ 9.83	\$ 19.62	\$ 29.45	\$ 353.44	\$ 71.21	\$ 854.56
62	\$ 16.45	\$ 17.77	\$ 34.22	\$ 410.68	\$ 29.00	\$ 7.85	\$ 36.85	\$ 442.25	\$ 71.08	\$ 852.94
63	\$ 6.92	\$ 27.51	\$ 34.43	\$ 413.20	\$ 6.92	\$ 29.62	\$ 36.54	\$ 438.51	\$ 70.98	\$ 851.71
64	\$ 31.41	\$ 2.67	\$ 34.08	\$ 408.92	\$ 36.67	\$ -	\$ 36.67	\$ 440.00	\$ 70.74	\$ 848.92
65	\$ 16.56	\$ -	\$ 16.56	\$ 198.68	\$ 35.93	\$ 17.52	\$ 53.45	\$ 641.37	\$ 70.00	\$ 840.05
66	\$ 17.24	\$ 1.83	\$ 19.07	\$ 228.82	\$ 30.89	\$ 19.18	\$ 50.07	\$ 600.83	\$ 69.14	\$ 829.65
67	\$ 11.25	\$ 19.84	\$ 31.09	\$ 373.06	\$ 11.25	\$ 26.26	\$ 37.51	\$ 450.08	\$ 68.59	\$ 823.14
68	\$ -	\$ 33.94	\$ 33.94	\$ 407.23	\$ 5.07	\$ 29.16	\$ 34.23	\$ 410.76	\$ 68.17	\$ 817.99
69	\$ 6.91	\$ 32.34	\$ 39.25	\$ 471.00	\$ 2.15	\$ 25.02	\$ 27.17	\$ 326.08	\$ 66.42	\$ 797.08
70	\$ 6.85	\$ 23.89	\$ 30.74	\$ 368.94	\$ 7.91	\$ 27.59	\$ 35.50	\$ 426.03	\$ 66.25	\$ 794.97
71	\$ 2.50	\$ 25.72	\$ 28.22	\$ 338.59	\$ 1.65	\$ 36.16	\$ 37.81	\$ 453.74	\$ 66.03	\$ 792.34
72	\$ 9.69	\$ 39.06	\$ 48.75	\$ 585.00	\$ 17.08	\$ -	\$ 17.08	\$ 204.96	\$ 65.83	\$ 789.96
73	\$ -	\$ 22.21	\$ 22.21	\$ 266.53	\$ 10.00	\$ 33.55	\$ 43.55	\$ 522.64	\$ 65.76	\$ 789.17
74	\$ -	\$ 22.21	\$ 22.21	\$ 266.53	\$ 10.00	\$ 33.55	\$ 43.55	\$ 522.64	\$ 65.76	\$ 789.17
75	\$ 0.92	\$ 33.90	\$ 34.82	\$ 417.80	\$ 0.92	\$ 30.00	\$ 30.92	\$ 371.00	\$ 65.73	\$ 788.80
76	\$ 5.38	\$ 17.64	\$ 23.02	\$ 276.24	\$ 5.55	\$ 36.31	\$ 41.85	\$ 502.23	\$ 64.87	\$ 778.47
77	\$ 18.67	\$ 15.39	\$ 34.06	\$ 408.74	\$ 10.00	\$ 19.43	\$ 29.43	\$ 353.21	\$ 63.50	\$ 761.95
78	\$ 7.46	\$ 26.70	\$ 34.16	\$ 409.92	\$ -	\$ 29.28	\$ 29.28	\$ 351.36	\$ 63.44	\$ 761.28
79	\$ 1.93	\$ 25.63	\$ 27.55	\$ 330.66	\$ 1.93	\$ 33.08	\$ 35.01	\$ 420.07	\$ 62.56	\$ 750.73
80	\$ 10.71	\$ 27.84	\$ 38.55	\$ 462.64	\$ 23.20	\$ -	\$ 23.20	\$ 278.44	\$ 61.76	\$ 741.08
81	\$ 5.33	\$ 26.40	\$ 31.73	\$ 380.80	\$ 4.67	\$ 25.08	\$ 29.75	\$ 356.96	\$ 61.48	\$ 737.76
82	\$ -	\$ 34.34	\$ 34.34	\$ 412.06	\$ -	\$ 27.00	\$ 27.00	\$ 324.00	\$ 61.34	\$ 736.06
83	\$ 8.48	\$ 15.00	\$ 23.48	\$ 281.76	\$ 16.60	\$ 20.82	\$ 37.42	\$ 449.04	\$ 60.90	\$ 730.80
84	\$ 6.81	\$ 6.83	\$ 13.63	\$ 163.60	\$ 23.66	\$ 23.40	\$ 47.06	\$ 564.72	\$ 60.69	\$ 728.32
85	\$ 7.00	\$ 12.90	\$ 19.90	\$ 238.80	\$ 6.00	\$ 34.56	\$ 40.56	\$ 486.72	\$ 60.46	\$ 725.52
86	\$ 2.27	\$ 25.03	\$ 27.30	\$ 327.56	\$ 5.82	\$ 26.14	\$ 31.96	\$ 383.54	\$ 59.26	\$ 711.11
87	\$ 7.77	\$ 18.72	\$ 26.49	\$ 317.88	\$ 5.03	\$ 27.47	\$ 32.50	\$ 389.98	\$ 58.99	\$ 707.86
88	\$ -	\$ 27.74	\$ 27.74	\$ 332.85	\$ -	\$ 29.53	\$ 29.53	\$ 354.40	\$ 57.27	\$ 687.25
89	\$ 5.33	\$ 12.00	\$ 17.33	\$ 208.00	\$ 39.14	\$ -	\$ 39.14	\$ 469.68	\$ 56.47	\$ 677.68
90	\$ -	\$ 27.84	\$ 27.84	\$ 334.08	\$ -	\$ 28.62	\$ 28.62	\$ 343.44	\$ 56.46	\$ 677.52
91	\$ 11.63	\$ 16.38	\$ 28.01	\$ 336.06	\$ 11.63	\$ 16.74	\$ 28.37	\$ 340.38	\$ 56.37	\$ 676.44
92	\$ 6.13	\$ 27.10	\$ 33.23	\$ 398.75	\$ 6.13	\$ 15.63	\$ 21.75	\$ 261.03	\$ 54.98	\$ 659.78
93	\$ 4.93	\$ 29.40	\$ 34.33	\$ 411.94	\$ 2.27	\$ 18.27	\$ 20.54	\$ 246.45	\$ 54.87	\$ 658.39
94	\$ -	\$ 30.92	\$ 30.92	\$ 371.09	\$ -	\$ 23.25	\$ 23.25	\$ 278.99	\$ 54.17	\$ 650.09
95	\$ 8.05	\$ 20.88	\$ 28.93	\$ 347.10	\$ 8.40	\$ 16.56	\$ 24.96	\$ 299.52	\$ 53.89	\$ 646.62
96	\$ 15.36	\$ 16.42	\$ 31.78	\$ 381.38	\$ 2.45	\$ 19.31	\$ 21.76	\$ 261.10	\$ 53.54	\$ 642.48
97	\$ 5.33	\$ 12.00	\$ 17.33	\$ 208.00	\$ 36.00	\$ -	\$ 36.00	\$ 432.00	\$ 53.33	\$ 640.00
98	\$ 1.54	\$ 21.60	\$ 23.14	\$ 277.62	\$ 1.54	\$ 28.50	\$ 30.04	\$ 360.42	\$ 53.17	\$ 638.04
99	\$ 23.26	\$ 2.91	\$ 26.17	\$ 314.06	\$ 23.60	\$ 2.95	\$ 26.55	\$ 318.60	\$ 52.72	\$ 632.66
100	\$ 14.16	\$ 7.08	\$ 21.24	\$ 254.88	\$ 31.29	\$ -	\$ 31.29	\$ 375.48	\$ 52.53	\$ 630.36
101	\$ -	\$ 41.52	\$ 41.52	\$ 498.20	\$ -	\$ 10.10	\$ 10.10	\$ 121.18	\$ 51.62	\$ 619.39
102	\$ 5.08	\$ 19.52	\$ 24.61	\$ 295.29	\$ 6.50	\$ 18.85	\$ 25.35	\$ 304.21	\$ 49.96	\$ 599.50
103	\$ 0.84	\$ 24.13	\$ 24.97	\$ 299.59	\$ 2.03	\$ 22.69	\$ 24.72	\$ 296.66	\$ 49.69	\$ 596.26
104	\$ -	\$ 26.12	\$ 26.12	\$ 313.46	\$ -	\$ 21.50	\$ 21.50	\$ 257.99	\$ 47.62	\$ 571.45
105	\$ -	\$ 19.62	\$ 19.62	\$ 235.44	\$ 4.20	\$ 22.14	\$ 26.34	\$ 316.08	\$ 45.96	\$ 551.52
106	\$ -	\$ 25.50	\$ 25.50	\$ 306.00	\$ -	\$ 18.00	\$ 18.00	\$ 216.00	\$ 43.50	\$ 522.00
107	\$ 2.07	\$ 21.24	\$ 23.31	\$ 279.66	\$ 3.25	\$ 15.84	\$ 19.09	\$ 229.08	\$ 42.40	\$ 508.74
108	\$ -	\$ -	\$ -	\$ -	\$ 41.67	\$ -	\$ 41.67	\$ 500.00	\$ 41.67	\$ 500.00

Summary of Residential Bills Communities Based on 4,500 Gallons per Month

Community ID	Water Rates				Sewer Rates				Total Charges	
	Water Fixed Charge	Water Volume Charge	Water Monthly Bill	Water Annual Bill	Sewer Fixed Charge	Sewer Volume Charge	Sewer Monthly Bill	Sewer Annual Bill	Total Monthly	Total Annual
109	\$ 15.25	\$ 9.75	\$ 25.00	\$ 300.02	\$ 15.00	\$ -	\$ 15.00	\$ 180.00	\$ 40.00	\$ 480.02
110	\$ -	\$ 32.40	\$ 32.40	\$ 388.80	\$ -	\$ -	\$ -	\$ -	\$ 32.40	\$ 388.80
111	\$ -	\$ 13.10	\$ 13.10	\$ 157.25	\$ -	\$ 17.96	\$ 17.96	\$ 215.50	\$ 31.06	\$ 372.74